

AMENDMENTS TO THE CLAIMS

1-41. (Canceled)

42. (Currently Amended) A wearable wireless audio interface, comprising:

a support configured to support at least one lens in a field of view of a wearer, said support comprising a first ear stem and a second ear stem, the support being configured to be worn on the wearer's head;

a microphone supported by the support, said microphone configured to output a microphone signal in response to detected sound;

a cellular telephone interface supported by the support, said cellular telephone interface being configured to wirelessly transmit a first signal from the cellular telephone interface to a cellular telephone, wherein said first signal corresponds to the microphone signal, wherein said cellular telephone interface is further configured to wirelessly receive a second signal from the cellular telephone and to output a telephone output based upon said second signal;

a stereo wireless receiver supported by the support, said stereo wireless receiver being configured to wirelessly receive a stereo audio signal from an audio device, wherein said stereo wireless receiver is further configured to output a stereo output based upon said stereo audio signal;

at least one speaker supported by at least one of said first and second ear stems, wherein said at least one speaker is configured to provide an audio signal to the wearer based upon said telephone output and said stereo output; and

~~an antenna being disposed in said support~~ extending along at least one of said first and second ear stems of said support, said antenna being operative to at least receive said second signal and said stereo audio signal and to transmit at least said first signal to said cellular telephone.

43. (Previously Presented) A wearable wireless audio interface as in Claim 42, wherein said microphone is supported by said first ear stem.

44. (Previously Presented) A wearable wireless audio interface as in Claim 42, wherein said cellular telephone interface comprises a wireless transceiver.

45. (Previously Presented) A wearable wireless audio interface as in Claim 42, wherein said cellular telephone interface comprises a BLUETOOTH transceiver.

46. (Previously Presented) A wearable wireless audio interface as in Claim 45, wherein said stereo wireless receiver comprises the BLUETOOTH receiver.

47. (Previously Presented) A wearable wireless audio interface as in Claim 42, wherein said cellular telephone interface is supported by the first ear stem and said stereo wireless receiver is supported by the second ear stem.

48. (Previously Presented) A wearable wireless audio interface as in Claim 42, wherein said at least one speaker comprises two speakers.

49. (Previously Presented) A wearable wireless audio interface as in Claim 42, wherein said audio device comprises an MP3 player.

50. (Previously Presented) A wearable wireless audio interface as in Claim 42, wherein said audio device comprises a cellular telephone.

51. (Currently Amended) A wearable wireless audio interface, comprising:

a support configured to support at least one lens in a field of view of a wearer, said support comprising a first ear stem and a second ear stem, the support being configured to be worn on the wearer's head;

a microphone supported by the support, said microphone configured to output a microphone signal in response to detected sound;

a cellular telephone interface supported by the support, said cellular telephone interface being configured to wirelessly transmit a first signal from the cellular telephone interface to a cellular telephone, wherein said first signal corresponds to the microphone signal, wherein said cellular telephone interface is further configured to wirelessly receive a second signal from cellular telephone and to output a telephone output based upon said second signal;

an audio device supported by the support, said audio device comprising a storage device configured to store compressed audio files and configured to decompress the compressed audio files and output an audio signal based on said decompressed audio file;

at least one speaker supported by at least one of said first and second ear stems, wherein said at least one speaker is configured to provide an output audible to the wearer based upon said telephone output and said audio signal; and

~~interface electronics being configured to receive said microphone signal and to perform a voice command operation in response to said microphone signal~~ including a speech recognition engine for receiving said microphone signal and controlling at least one of said cellular telephone and said audio device in response to said microphone signal.

52. (Previously Presented) A wearable wireless audio interface as in Claim 51, wherein said microphone is supported by said first ear stem.

53. (Previously Presented) A wearable wireless audio interface as in Claim 51, wherein said cellular telephone interface comprises a wireless transceiver.

54. (Previously Presented) A wearable wireless audio interface as in Claim 51, wherein said cellular telephone interface comprises a BLUETOOTH transceiver.

55. (Previously Presented) A wearable wireless audio interface as in Claim 51, wherein said audio device comprises an MP3 player.

56. (Previously Presented) A wearable wireless audio interface as in Claim 51, wherein said cellular telephone interface is supported by the first ear stem and said audio device is supported by the second ear stem.

57. (Previously Presented) A wearable wireless audio interface as in Claim 51, wherein said at least one speaker comprises two speakers.

58-62. (Canceled)

63. (Previously Presented) A wearable wireless audio interface as in Claim 51, wherein said audio device comprises a wireless transceiver.

64-70. (Canceled)

71. (Currently Amended) A wearable wireless audio interface as in Claim 42, wherein said antenna ~~extends along a distal portion of at least one of said first and second ear stems of said support~~ is disposed in at least one of said first and second ear stems of said support.

72. (Currently Amended) A wearable wireless audio interface as in Claim [[71]] 42, wherein said antenna extends along at a distal portion of least one of said first and second ear stems of said support.

73. (Currently Amended) A wearable wireless audio interface as in Claim [[71]] 42, wherein said antenna includes a coil wrapped helically about a rod.

74. (Currently Amended) A wearable wireless audio interface as in Claim [[71]] 42, wherein said antenna is insulated.

75. (Previously Presented) A wearable wireless audio interface as in Claim 51, wherein said interface electronics are operative to control said cellular telephone via said first signal.

76. (Currently Amended) A wearable wireless audio interface as in Claim 51, wherein said interface electronics ~~are operative to provide an audio signal to said at least one speaker for providing an audio menu to the wearer~~ are operative to recognize speech from the wearer and to convert the speech to AT commands.

77. (Currently Amended) A wearable wireless audio interface as in Claim [[76]] 51, wherein said interface electronics ~~include a speech recognition engine for receiving said microphone signal and controlling~~ is operative to control at least one of said cellular telephone and said audio device ~~in response to said microphone signal using an AT command protocol.~~

78. (New) A wearable wireless audio interface comprising:

an eyeglass configured to support at least one lens in a field of view of a wearer, the eyeglass comprising a frame and first and second ear stems attached to the frame, the eyeglass being configured to be worn on the wearer's head;

a microphone supported by the eyeglass;

an interactive electronic device;

at least one speaker supported by at least one of the first and second ear stems;

and

an antenna extending along at least one of the frame and in communication with the interactive electronic device, the first ear stem, and the second ear stem of the eyeglass.

79. (New) A wearable wireless audio interface as in Claim 78, wherein the antenna is disposed in at least one of the frame, the first ear stem, and the second ear stem of the eyeglass.

80. (New) A wearable wireless audio interface as in Claim 78, wherein the antenna extends along at a distal portion of least one of the first and second ear stems.

81. (New) A wearable wireless audio interface as in Claim 78, wherein the antenna includes a coil wrapped helically about a rod.

82. (New) A wearable wireless audio interface as in Claim 78, wherein the antenna is insulated.

83. (New) A wearable wireless audio interface as in Claim 78, wherein the antenna is configured to communicate with a satellite radio provider.

84. (New) A speech recognition interactive device comprising:

a support configured to support at least one lens in a field of view of a wearer, the support comprising a first ear stem and a second ear stem, the support being configured to be worn on the wearer's head;

a microphone supported by the support, the microphone configured to output a microphone signal in response to detected sound;

interface electronics comprising a receiver and a transmitter to communicate with at least one of a cellular telephone and an audio device, the interface electronics further comprising a speech recognition engine for receiving the microphone signal and converting a speech command of the wearer to an electronic signal for transmission to the at least one of a cellular telephone and an audio device; and

at least one speaker supported by at least one of the first and second ear stems.

85. (New) A speech recognition interactive device as in Claim 84, wherein the electronic signal from the speech recognition engine is used to control at least one of the cellular telephone and the audio device.

86. (New) A speech recognition interactive device as in Claim 84, wherein the audio device is supported by the support, the audio device comprising a storage device configured to store compressed audio files and configured to decompress the compressed audio files and output an audio signal to the at least one speaker based on the decompressed audio file.